

ABSTRACT

Disclosed is an electroluminescent device comprising a light-emitting layer containing a light emitting phosphorescent material that contains an organometallic complex comprising iridium and an indole compound with an
5 unsubstituted phenyl ring or comprising Ir, Rh, Os, Ru, Pt, and Pd and an isoindole compound. The invention further comprises compositions of certain such complexes as well as a display or area lighting devices and a process for emitting light.

The organometallic materials function as useful phosphorescent
10 light emitting materials in electroluminescent devices.